

Amendments To The Claims

The listing of claims presented below will replace all prior versions, and listings, of claims in the application.

Listing of claims:

1-25. (cancelled)

26. (currently amended) A semiconductor storage apparatus for realizing ~~information prompt~~ information indication, comprising

- a power source module providing power to the semiconductor storage apparatus independently;
- a controller module having a firmware for realizing the ~~information prompt~~ information indication and data access;
- an interface module,
- a semiconductor storage medium module having a ~~prompt information indication~~ information storage region for storing ~~prompt information indication information~~;

and

- an ~~information prompt~~ information indication module, wherein the control module, the interface module, the semiconductor storage medium module, and the ~~information prompt~~ information indication module are electrically connected to each other.

27. (currently amended) The semiconductor storage apparatus of claim 26, wherein the firmware supports a password verification of the ~~prompt information~~ indication information storage region.

28. (currently amended) The semiconductor storage apparatus of claim 26, wherein the ~~prompt information~~ indication information storage region is provided with an independent or universal encryption/decryption module, and the encryption/decryption module encrypts the data to be stored in the ~~prompt information~~

indication information storage region, and decrypts the data read from the ~~prompt-~~
~~information~~indication information storage region.

29. (original) The semiconductor storage apparatus of claim 26, wherein the interface module is one of a USB interface, IEEE1394 interface, Bluetooth interface, IrDA infrared interface, HomeRF interface, IEEE802.11a interface, IEEE802.11b interface, wire wide area/local area network interface, and wireless wide area/local area network interface.

30. (original) The semiconductor storage apparatus of claim 26, wherein the medium used by the semiconductor storage medium module is one of a flash memory, DRAM, EEPROM, SRAM, FRAM, MRAM and MILLIPEDE.

31. (**currently amended**) The semiconductor storage apparatus of claim 26, wherein the ~~information-prompt~~information indication module comprises at least one of a display component, an acoustic component and a vibration component.

32. (original) The semiconductor storage apparatus of claim 31, wherein the display component is one of a liquid crystal display, light-emitting diode matrix display, field emission display and organic-electroluminescence (OEL) display; and the acoustic generating component is one of a speaker, buzzer and crystal acoustic generator.

33. (original) The semiconductor storage apparatus of claim 26, wherein the power source module further comprising:

at least one of a voltage adapter circuit; and

a self-contained power source having a power control switch, wherein the self-contained power source is one of a PV cell, a primary cell and a rechargeable cell.

34. (**currently amended**) The semiconductor storage apparatus of claim 26, further comprising a manual control component for setting the ~~information-prompt-~~

information indication, wherein the manual control component is used to perform the manual control of the ~~information-prompt~~ information indication.

35. (currently amended) A method for realizing ~~information-prompt~~ information indication in a semiconductor storage apparatus comprising a power source module providing power to the semiconductor storage apparatus; a controller module having a firmware for realizing the ~~information-prompt~~ information indication and data access; an interface module; a semiconductor storage medium module having a ~~prompt-information-indication information~~ storage region for storing ~~prompt-information-indication information~~; and an ~~information-prompt~~ information indication module, wherein the control module, the interface module, the semiconductor storage medium module, and the ~~information-prompt~~ information indication module are electrically connected to each other, the method comprising:

performing data access operation of the ~~prompt-information-indication information~~ storage region and the ~~information-prompt~~ information indication; verifying ~~[[the]]~~ --a-- password of the ~~prompt-information-indication information~~ storage region according to ~~[[the]]~~ --a-- predetermined setting, and after the step of verifying the password, obtaining ~~[[the]]~~ --a-- necessary ~~prompt-information-indication information~~ from the ~~prompt-information-indication information~~ storage region; and controlling the ~~information-prompt~~ information indication module to indicating the information based on the content of the obtained ~~prompt-information-indication information~~.

36. (currently amended) A method for realizing ~~information-prompt~~ information indication of claim 35, further comprising the step of writing the necessary ~~prompt-information-indication information~~ into the ~~prompt-information-indication information~~ storage region after verifying the password.

37. (currently amended) A method for realizing ~~information-prompt~~ information indication

indication of claim 35 wherein ~~[[the]] --an--~~ operational mode of the ~~information-~~
~~prompt-information indication~~ module and the ~~prompt-information-indication~~
~~information~~ stored in the ~~prompt-information-indication information~~ storage region is
defined and modified by ~~the-information-prompt~~ an information indication storage
region setting software running in the data processing system.

38. (currently amended) A method for realizing ~~information-prompt-information~~
indication of claim 35, wherein the ~~prompt-information-indication information~~
comprises static information and dynamic information, wherein the static information
comprises the user's information, device information and storage information.

39. (currently amended) A method for realizing ~~information-prompt-information~~
indication of claim 36, wherein the ~~prompt-information-indication information~~
comprises static information and dynamic information, wherein the static information
comprises the user's information, device information and storage information.

40. (currently amended) A method for realizing ~~information-prompt-information~~
indication of claim 37, wherein the ~~prompt-information-indication information~~
comprises static information and dynamic information, wherein the static information
comprises the user's information, device information and storage information.

41. (currently amended) A method for realizing ~~information-prompt-information~~
indication claim 35, ~~wherein~~ further comprising the steps of encrypting the data to
be stored in the indication information storage region, and decrypting the data
read from the indication information storage region by an independent or
universal encryption/decryption module provided in the ~~prompt-information the~~
~~indication information~~ storage region ~~is provided with a independent or universal~~
~~encryption/decryption module, the encryption/decryption module encrypts the~~
~~data to be stored in the prompt-information storage region, and decrypts the data~~
~~read from the prompt-information storage region.~~